

Molecular and Cellular Biochemistry:

An International Journal for Chemical Biology in Health and Disease

CONTENTS VOLUME 276, Nos. 1 & 2, August 2005

N. Chauhan, R. Kumar, J. Badhai, A. Preet and P.K. Yadava: Immunogenicity of cholera toxin B epitope inserted in <i>Salmonella</i> flagellin expressed on bacteria and administered as DNA vaccine	1-6
H. Narang and M. Krishna: Inhibition of radiation induced nitration by curcumin and nicotinamide in mouse macrophages	7-13
N. Gueguen, L. Lefaucheur, M. Fillaut and P. Herpin: Muscle fiber contractile type influences the regulation of mitochondrial function	15-20
K. Ishihara, K. Nakata, N. Yamagishi, S. Iwasaki, N. Kiriike and T. Hatayama: A comparative proteomic analysis of the rat brain during rebound hyperphagia induced by space-restriction	21-29
F. Ozguner, F. Oktm, A. Armagan, R. Yilmaz, A. Koyu, R. Demirel, H. Vural and E. Uz: Comparative analysis of the protective effects of melatonin and caffeic acid phenethyl ester (CAPE) on mobile phone-induced renal impairment in rat	31-37
Y. Mythili, P.T. Sudharsan and P. Varalakshmi: Cytoprotective role of DL- α -Lipoic acid in cyclophosphamide induced myocardial toxicity	39-44
E. Konac, A. Ekmekci, V. Barkar, A. Yilmaz and D. Erbas: Effects of diethylstilbestrol in human lymphocytes <i>in vitro</i> : A dose and time-dependent study on genotoxic, cytotoxic and apoptotic effects	45-53
E. Cione, P. Tucci, V. Senatore, G. Ioele and G. Genchi: Binding of all- <i>trans</i> -retinoic acid to MLTC-1 proteins	55-60
Š. Holasová, M. Mojžišek, M. Buněk, D. Vokurková, H. Radilová, M. Šafářová, M. Červinka and R. Haluza: Cholesterol conjugated oligonucleotide and LNA: A comparison of cellular and nuclear uptake by Hep2 cells enhanced by Streptolysin-O	61-69
R.T. Narendhirakannan, S. Subramanian and M. Kandaswamy: Free radical scavenging activity of <i>Cleome gynandra</i> L. leaves on adjuvant induced arthritis in rats	71-80
M.M.C. Marques, C.M. Junta, R.S. Cardoso, S.S. Mello, E.T. Sakamoto-Hojo, E.A. Donadi and G.A.S. Passos: Changes in the gene expression profiling of the thymus in response to fibrosarcoma growth	81-88
H.R.B. Raghavendran, A. Sathivel and T. Devaki: Effect of <i>Sargassum polycystum</i> (Phaeophyceae)-sulphated polysaccharide extract against acetaminophen-induced hyperlipidemia during toxic hepatitis in experimental rats	89-96
V.R. Ramprasath, P. Shanthi and P. Sachdanandam: <i>Semecarpus anacardium</i> Linn. nut milk extract, an indigenous drug preparation, modulates reactive oxygen/nitrogen species levels and antioxidative system in adjuvant arthritic rats	97-104
C. Marisa, I. Lucci, C. Di Giulio, G. Bianchi, A. Grilli, A. Patruno and M. Reale: MCP-1 and MIP-2 expression and production in BB diabetic rat: Effect of chronic hypoxia	105-111
I. Dobrzyńska, B. Szachowicz-Petelska, S. Sulkowski and Z. Figaszewski: Changes in electric charge and phospholipids composition in human colorectal cancer cells	113-119
E. Angelis, M.Y. Tse and S.C. Pang: Interactions between atrial natriuretic peptide and the renin-angiotensin system during salt-sensitivity exhibited by the <i>proANP</i> gene-disrupted mouse	121-131
Y.-H. Hong, D. Hishikawa, H. Miyahara, H. Tsuzuki, Y. Nishimura, C. Gotoh, K.-C. Choi, Y. Hokari, Y. Takagi, H.-G. Lee, K.-k. Cho, S.-G. Roh and S. Sasaki: Up-regulation of adipogenin, an adipocyte plasma transmembrane protein, during adipogenesis	133-141
R.M. Levin, C.A. Agartan, R.E. Leggett, C. Whitbeck, P. Chichester, P. Neuman and A. Johnson: Effect of partial outlet obstruction on nitrotyrosine content and distribution within the rabbit bladder	143-148
V.M. Bolanos-Garcia: MET meet adaptors: Functional and structural implications in downstream signalling mediated by the Met receptor	149-157
B. Skawran, S. Schubert, F. Dechend, J. Vervoorts, K. Nayernia, B. Lüscher and J. Schmidtke: Characterization of a human <i>TSPY</i> promoter	159-167
A.K. Mitra, N. Bhat, A. Sarma and M. Krishna: Alteration in the expression of signaling parameters following carbon ion irradiation	169-173
V. Manfredini, V.D. Martins, M. do Carmo Ruaro Peralba and M.S. Benfato: Adaptive response to enhanced basal oxidative damage in <i>sod</i> mutants from <i>Saccharomyces cerevisiae</i>	175-181
T.-Y.J. Yeh, J.I. Sbodio, M.T.A. Nguyen, T.N. Meyer, R.M. Lee and N.-W. Chi: Tankyrase-1 overexpression reduces genotoxin-induced cell death by inhibiting PARP1	183-192
M.D.C. Belle, P.J. Sharp and R.W. Lea: Aromatase inhibition abolishes courtship behaviours in the ring dove (<i>Streptopelia risoria</i>) and reduces androgen and progesterone receptors in the hypothalamus and anterior pituitary gland	193-204
S. Biswas, J. Bhattacharyya and A.G. Dutta: Oxidant induced injury of erythrocyte - Role of green tea leaf and ascorbic acid	205-210
H. Morimoto, A. Ozaki, H. Okamura, K. Yoshida, S. Kitamura and T. Haneji: Okadaic acid induces tyrosine phosphorylation of I κ B α that mediated by PKR pathway in human osteoblastic MG63 cells	211-217
N.M. Jameel, B.M. Frey, F.J. Frey, T.V. Gowda and B.S. Vishwanath: Inhibition of secretory phospholipase A ₂ enzyme by bilirubin: A new role as endogenous anti-inflammatory molecule	219-225
K.M. Ko and P.Y. Chiu: Structural determinants of schisandrin B which enhance mitochondrial functional ability and glutathione status as well as heat shock protein expression in rat hearts and H9c2 cells	227-234
Index to Volume 276	235-237
Instructions for Authors	239

Available
online

www.springerlink.com